

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/050402A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01R33/563

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>TUCH DAVID S ET AL: "High angular resolution diffusion imaging reveals intravoxel white matter fiber heterogeneity" MAGNETIC RESONANCE IN MEDICINE, vol. 48, no. 4, October 2002 (2002-10), pages 577-582, XP002321697 ISSN: 0740-3194 page 577, column 1, paragraph 1 - page 578, column 1, paragraph 1-4 page 579, column 1, paragraph 3 - column 2, paragraphs 4,5</p> <p>-----</p> <p>-/-</p>	1-6

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the international search report

18 March 2005

19/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FRANK L R: "Anisotropy in high angular resolution diffusion-weighted MRI." MAGNETIC RESONANCE IN MEDICINE : OFFICIAL JOURNAL OF THE SOCIETY OF MAGNETIC RESONANCE IN MEDICINE / SOCIETY OF MAGNETIC RESONANCE IN MEDICINE. JUN 2001, vol. 45, no. 6, June 2001 (2001-06), pages 935-939, XP002321698 ISSN: 0740-3194 page 939, column 1; example 1 -----	1-6
A	ZHAN WANG ET AL: "Circular spectrum mapping for intravoxel fiber structures based on high angular resolution apparent diffusion coefficients." MAGNETIC RESONANCE IN MEDICINE, vol. 49, no. 6, June 2003 (2003-06), pages 1077-1088, XP002321699 ISSN: 0740-3194 -----	1-6
A	FRANK LAWRENCE R: "Characterization of anisotropy in high angular resolution diffusion-weighted MRI." MAGNETIC RESONANCE IN MEDICINE : OFFICIAL JOURNAL OF THE SOCIETY OF MAGNETIC RESONANCE IN MEDICINE / SOCIETY OF MAGNETIC RESONANCE IN MEDICINE. JUN 2002, vol. 47, no. 6, June 2002 (2002-06), pages 1083-1099, XP002321700 ISSN: 0740-3194 -----	1-6